



November 8, 2013

RE: Notice to Consultants  
Request for Qualifications  
Geotechnical Consulting Engineering Services  
Parker Road Bridge No. 148  
0.4 mi. E. of N. New Florissant Rd.  
Federal Project No. BRM-5401(692)  
St. Louis County Project No. AR-1274  
New Ballwin Road Bridge No. 351  
0.8 mi. S. of Big Bend Rd.  
Federal Project No. BRO-B096(2)  
St. Louis County Project No. CR-1286  
Old Baumgartner Road Bridge No. 517  
0.4 mi. W. of Heintz Rd.  
Federal Project No. BRO-B096(1)  
St. Louis County Project No. CR-1287

The St. Louis County Department of Highways & Traffic is requesting the services of a well-qualified geotechnical consulting engineering firm to perform the described professional services for the subject projects. Qualifications-Based Selection (QBS) will be used to determine the successful respondent.

General Description of Services Required:

The project involves the collection, analysis, and reporting of boring log data at the site of each of the three (3) subject projects.

- Complete four (4) borings at each project site, at the approximate location of each proposed substructure unit
  - Borings taken to auger refusal
- Complete final report of foundation parameters and recommendations including, but not limited to:
  - Overall plan showing the locations of each boring at each project site.
  - Individual graphic logs of each boring, including the sampling performed and the index properties of the recovered samples
  - General descriptions of the site and subsurface conditions
  - Summary of all laboratory tests and results
  - Foundation type recommendations, including applicable design parameters for each type (bearing pressures, lateral soil resistance, etc.)
  - Seismic parameters for each site as required

- Identification and discussion of any undesirable soils/materials at each site, as well as a mitigation plan for minimizing their effects on the proposed structures
- Utility coordination through Missouri One-Call as required

St. Louis County personnel will perform the final design of the foundations and bridge structures.

The anticipated project schedule is as follows:

Qualifications Statements Due:	December 6, 2013
Short List Announced:	December 20, 2013
Interviews:	January 8, 2013
Selection:	January 10, 2013
Negotiation:	January, 2014 – February, 2014
Legislation/Execution of Contract	February - March, 2014
Notice to Proceed:	April, 2014
Final Recommendation Reports:	May, 2014

Please limit your letter of interest to no more than ten (10) pages. The 10 page limit is all-inclusive, except as specifically noted herein. The submittal should include a statement describing why your firm is interested in the project. This letter should also include any information which may help in the selection process, such as key project personnel, their backgrounds, and other similar projects your firm has completed in the recent past. Lengthy submittals of general company information are neither necessary nor desired, and will not be accepted. Any sub-consultants needed to complete the professional services requested by St. Louis County must be listed.

Qualifications Statements will be scored based on the following criteria:

- Overall Experience and Technical Competence – 40 points
- Capacity and Capability – 20 points
- Past Record of Performance – 30 points
- Accessibility of Firm & Staff – 10 points

From the qualification statements received, a short list of at least three (3) firms and no more than five (5) firms will be invited for informal thirty (30) minute interviews. The informal interviews will consist of a brief question and answer period followed by general discussion of the project. Scores from the Qualifications Statements will comprise 15% of each firm's interview score in accordance with the Department's QBS policy. PowerPoint, presentation boards, and leave-behind packets will not be permitted.

We encourage DBE firms to submit letters of interest as prime consultants for any project they feel can be managed by their firm.

If your firm would like to be considered for consulting services, please e-mail your Qualifications Statement to Pamela Thebeau, P.E., Project Manager IV at [PThebeau@stlouisco.com](mailto:PThebeau@stlouisco.com) as a PDF file. All Qualifications Statements must be received by 2:00 p.m., local time, on December 6, 2013 to be considered for this

project. Questions regarding this solicitation shall be submitted in writing to the project contact above. Phone inquiries will not be accepted. Failure to comply with the requirements of the RFQ may negatively impact the evaluation of the consultant's Statement of Qualifications.

The existing bridge plans and sketches of proposed boring locations at each project site can be accessed here: <http://goo.gl/Z6HOUf>.

<b>St. Louis County, Parker Road Bridge No. 148, New Ballwin Road Bridge No. 351, &amp; Old Baumgartner Road Bridge No. 517 Replacement</b>	
Federal Aid No.:	Parker: BRM-5401(692), TIP# 5812-13 New Ballwin: BRO-B096(2), TIP# 5204A-13 Old Baumgartner: BRO-B096(1), TIP# 5204B-13
Location:	Parker Road over branch of Coldwater Creek New Ballwin Road over Kiefer Creek Old Baumgartner Road over Mattese Creek
Proposed Improvement:	Bridge Replacements
Length:	0.10 miles at each location
Approximate Construction Cost:	Parker: \$697,000 New Ballwin: \$706,000 Old Baumgartner: \$743,000
DBE Goal Determination	0%
Consultant Services Required:	<p><b><u>Geotechnical Engineering Services Only</u></b></p> <p><i>The project involves the collection, analysis, and reporting of boring log data at the site of each of the three (3) subject projects.</i></p> <ul style="list-style-type: none"> <li>• <i>Complete four (4) borings at each project site, at the approximate location of each proposed substructure unit</i> <ul style="list-style-type: none"> <li>○ <i>Borings taken to auger refusal</i></li> </ul> </li> <li>• <i>Complete final report of foundation parameters and recommendations including, but not limited to:</i> <ul style="list-style-type: none"> <li>○ <i>Overall plan showing the locations of each boring at each project site.</i></li> <li>○ <i>Individual graphic logs of each boring, including the sampling performed and the index properties of the recovered samples</i></li> <li>○ <i>General descriptions of the site and subsurface conditions</i></li> <li>○ <i>Summary of all laboratory tests and results</i></li> <li>○ <i>Foundation type recommendations, including applicable design parameters for each type (bearing pressures, lateral soil resistance, etc.)</i></li> <li>○ <i>Seismic parameters for each site as required</i></li> <li>○ <i>Identification and discussion of any undesirable soils/materials at each site, as well as a mitigation plan for minimizing their effects on the proposed structures</i></li> <li>○ <i>Utility coordination through Missouri One-Call as required</i></li> </ul> </li> </ul> <p><i>St. Louis County personnel will perform the final design of the foundations and bridge structures.</i></p>

Other Comments:	St. Louis County personnel will perform the topographic, boundary, and channel surveys required for this project.
Contact:	Pamela Thebeau, P.E. Project Manager IV St. Louis County Department of Highways & Traffic <a href="mailto:PThebeau@stlouisco.com">PThebeau@stlouisco.com</a> All questions and submittals via e-mail. Phone inquiries not accepted.
Deadline:	December 6, 2013 at 2:00 p.m.